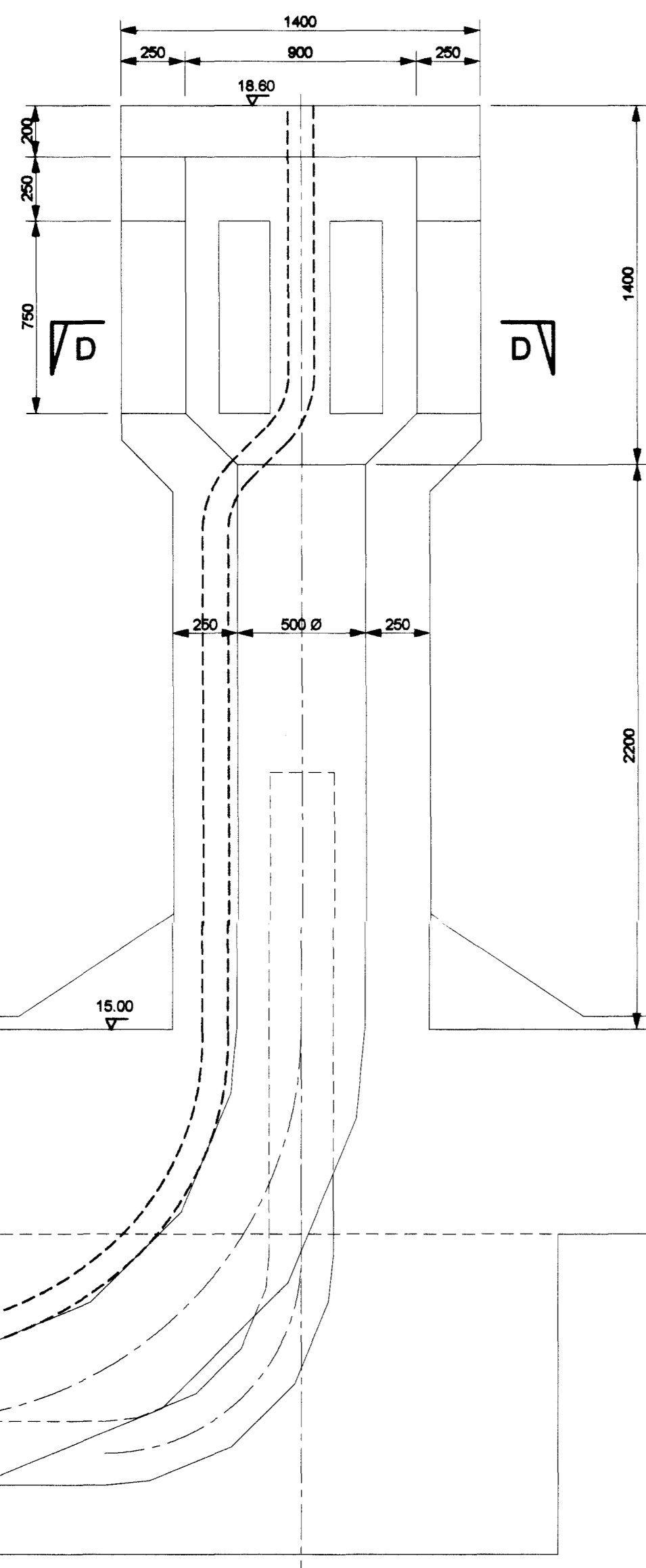
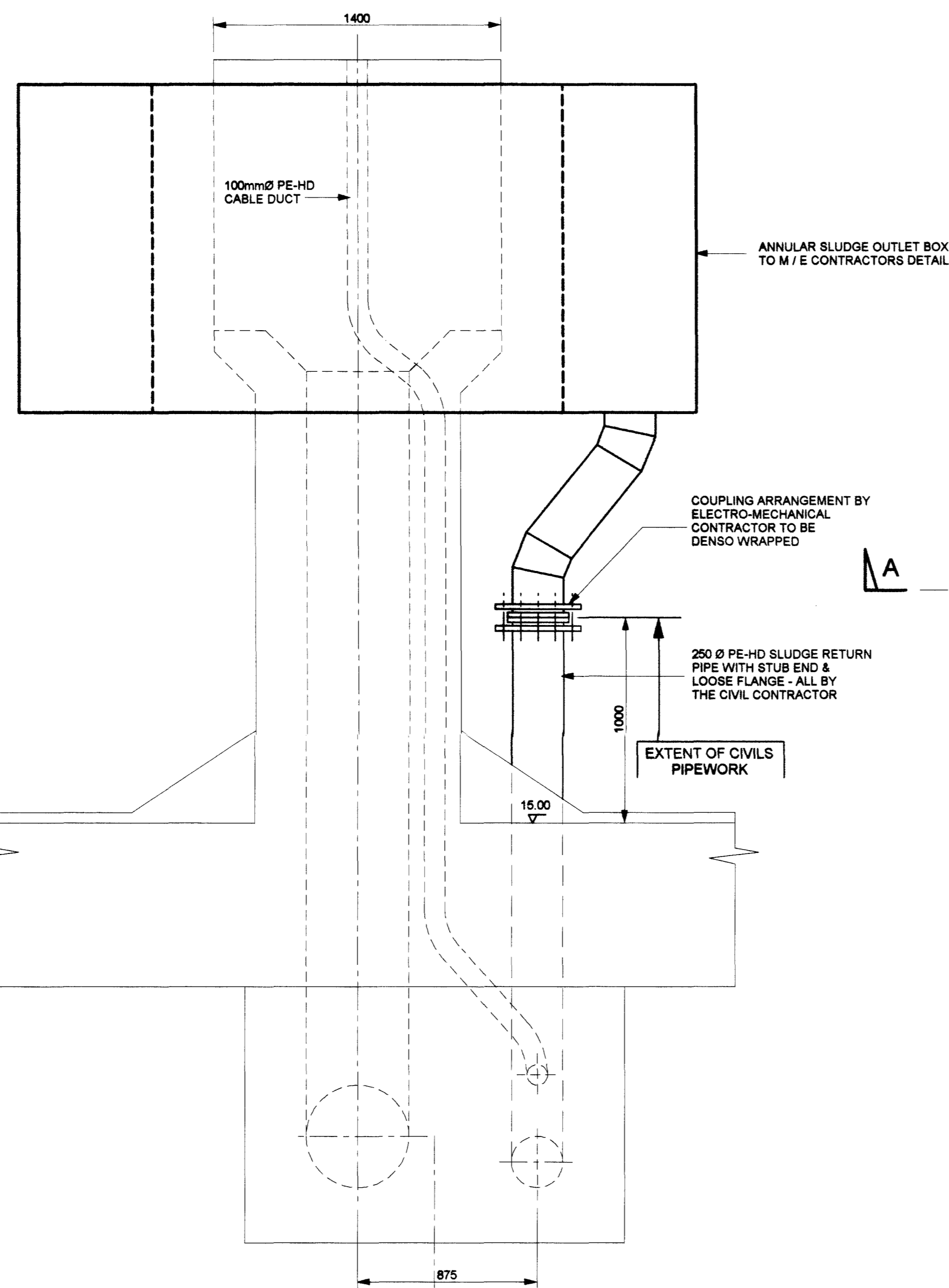


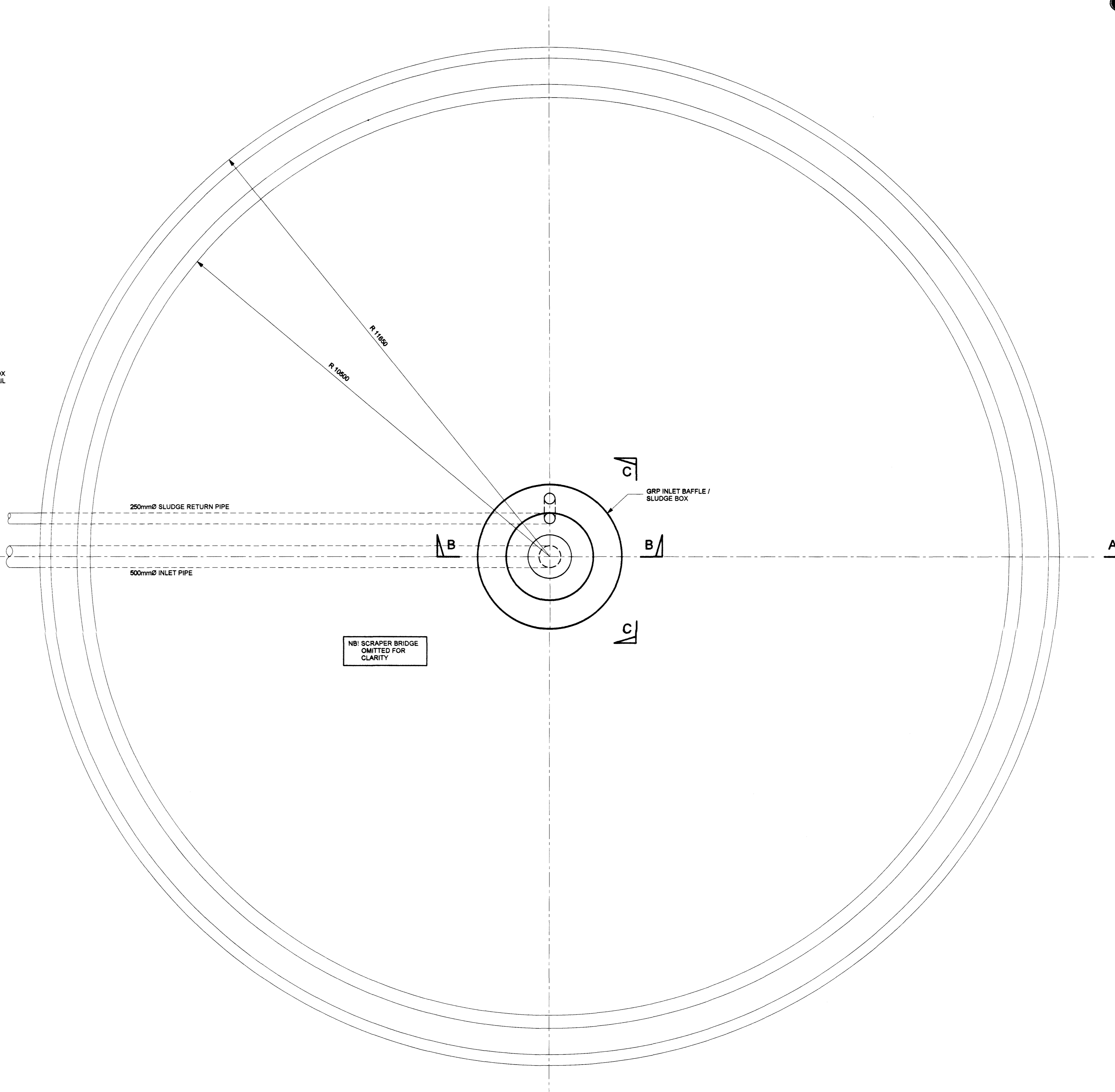
SECTION D - D
SCALE 1:50



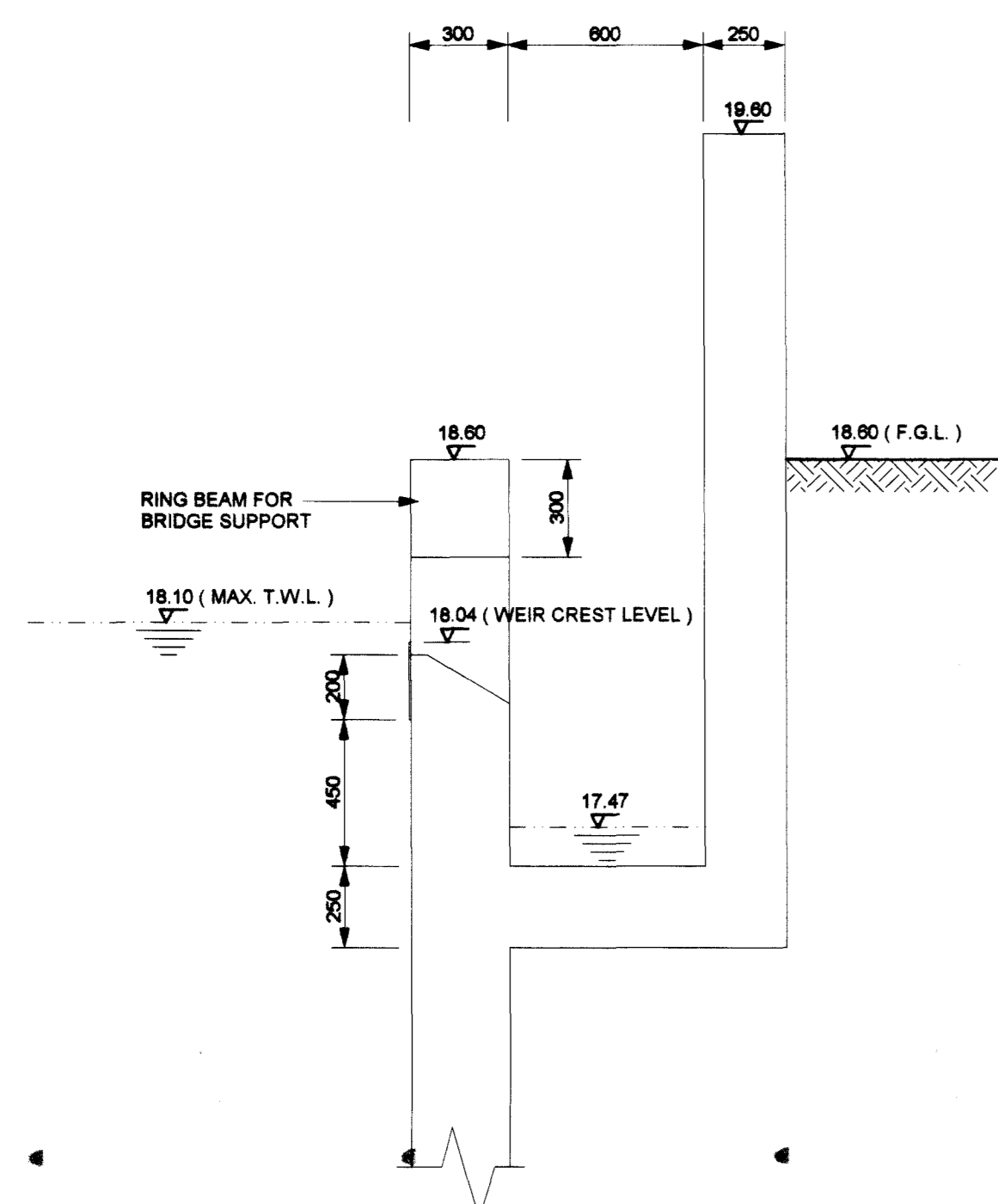
SECTION B - B
SCALE 1:20



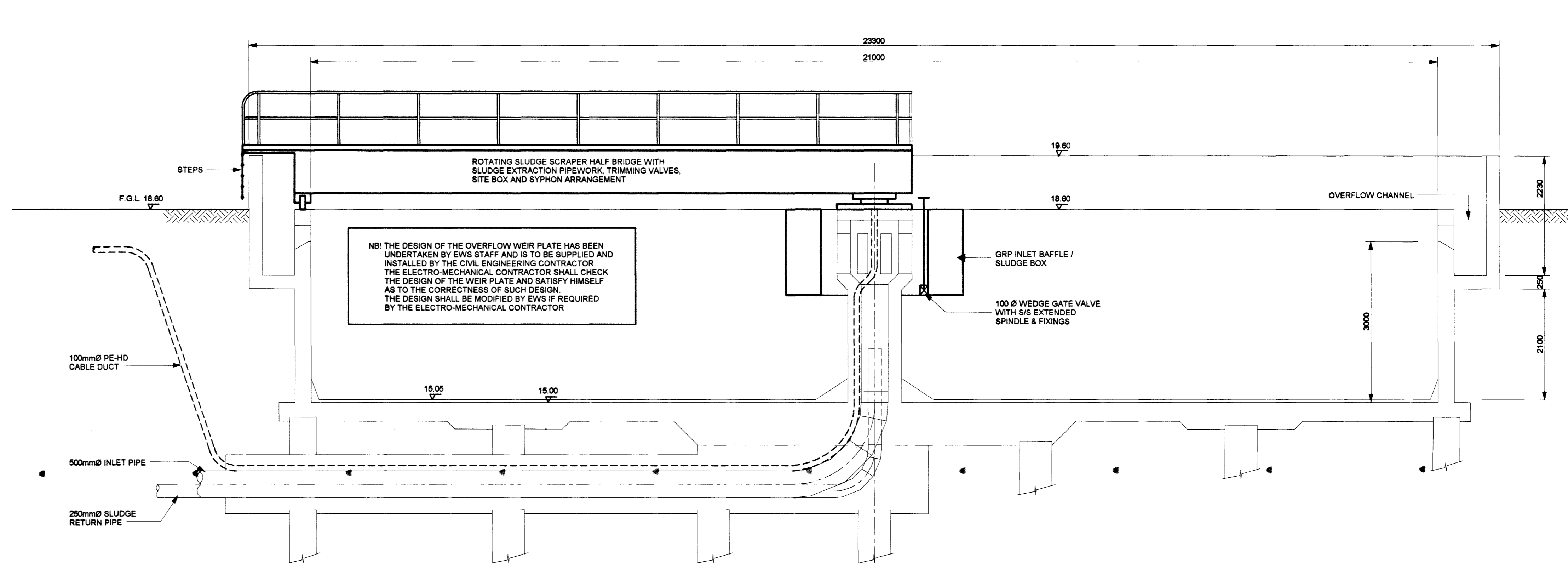
SECTION C - C
SCALE 1:20



PLAN
SCALE 1:50



OVERFLOW CHANNEL DETAIL
SCALE 1:20



SECTION A - A
SCALE 1:50

- NOTES:**
1. ALL DIMENSIONS AND LEVELS SHALL BE CHECKED ON SITE PRIOR TO FABRICATION.
 2. STAINLESS STEEL HANDRAILINGS TO BE PROVIDED UNDER CIVIL CONTRACT.
 3. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF ALL STEELWORK, FOR APPROVAL BY THE ENGINEER, PRIOR TO FABRICATION.
 4. ALL GALVANISING SHALL BE HOT DIP GALVANISING IN ACCORDANCE WITH S.A.S. 763:1986 - HEAVY DUTY.
 5. CORROSION PROTECTION OF MECHANICAL ITEMS (WHERE SPECIFIED) TO BE STRICTLY IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS. ALL ASSOCIATED COSTS FOR CORROSION PROTECTION SHALL BE INCLUDED IN THE SUPPLY AND DELIVERY.

G.I.S. CLEARED
DATE: 2013/04/22

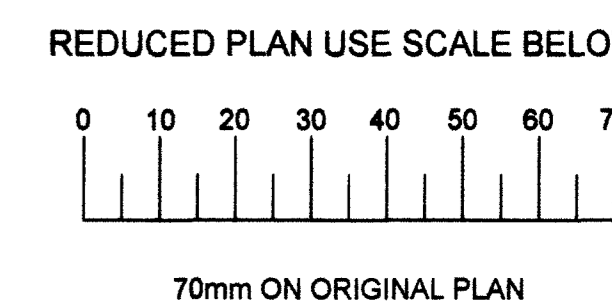
SANITATION
PROJECT No: Y6065
DRAWING No: 60463-11/5
TUBE No: 12.59

REVISIONS

Revision	Date	Description

AS BUILT

DATE: 02/01/2012 SIGN: [Signature]



- LEGEND OF EXISTING UNDERGROUND SERVICES
- SEWERS AND M.H.'S
 - STORM WATER DRAIN AND M.H.'S
 - WATER MAINS AND VALVES
 - ELECTRICITY CABLES
 - TELKOM CABLES

UNDERGROUND SERVICES CHECKED

SERVICE	DATE	SIGNATURE
S.W. DRAINS		
SEWERS		
WATER MAINS		
TELKOM CABLES		
ELECTRIC CABLES		
SPOORNET CABLES		
E.S.C. CABLES		
OIL PIPE LINE		

NOTE: Only underground services affected by new construction work are shown. Care must be taken during excavations for road foundations, trenches etc. to avoid damage to underground services such as sewers, drains, cables, water mains and conduits. Whenever possible these must be located before work proceeds.

NOTE: No construction work to commence until land and services acquisition have been completed. All services completed.

DEPARTMENT OF WASTEWATER MANAGEMENT
ETHEKWINI MUNICIPALITY

ETHEKWINI WATER & SANITATION

Contract No. WS 5735

Project Title
VERULAM WASTE WATER TREATMENT WORKS UPGRADE: REPLACEMENT OF EXISTING BIOFILTER PLANT WITH 8.5M³/D ACTIVATED SLUDGE PLANT

Project No. (Y6085)
Drawing Title
SECONDARY SEDIMENTATION TANKS - SLUDGE SCRAPER BRIDGE AND SLUDGE EXTRACTION PIPEWORK DETAILS

Reference Drgs.

Scale	As Shown	Date
Surveyed	V.N	March 2006
Drawn	K.B./A.P.	March 2006

Works Proj. Engineer:
Manager: (Design)

Deputy Head: Technical Services:
Drawing No. 60463-11 Sheet 5 Rev.

NB! THIS DRAWING WAS USED FOR TENDER PURPOSES ONLY REFER TO DRAWINGS 60463-13 SHTs. 44 TO 52 FOR AS-BUILT DETAILS